

# International Mastitis Symposium - Canada 1987

Macdonald College, Quebec

August 14-15, 1987

## INFORMATION AND REGISTRATION

This mastitis symposium is organized by the Canadian Committee for Mastitis Control and Prevention to coincide with the XXIII World Veterinary Congress in Montreal — August 16-21, and the meetings of two International Dairy Federation Committees — A-2 Mastitis and A-14 Milking Machine.

*Theme: Therapy/Milking Machine*

### Friday, August 14

- 8:30—Registration
- 9:00—Welcome and Opening Comments
- MILKING MACHINES IN MASTITIS**
- 9:15—The Cow and The Machine (M. Woolford — N.Z.)
- 9:45—The Removal of Milk from the Teat by Machine Milking (G. Mien — Australia)
- 10:15—Teat Hysteresis and other Teat Properties Affecting Bovine Mastitis (S. Reitsma—Canada)
- 10:30—Break
- 10:45—Liner Slip and Impact (J. O'Shea—Ireland)
- 11:15—Mechanism of Transfer of Organisms Through Teat Canal (N. Scott—U.S.)
- 11:45—Discussion and Comments on Posters
- 12:15—Lunch and Poster Viewing
- 1:30—Hydraulic Milking (R. Grindal—U.K.)
- 2:00—High-Tech Machine Milking in Israel
- Break
- 3:30—Teat-Liner Sanitization in Controlling Spread of Mastitis Pathogens (W. Smith—U.S.)
- 4:00—The Relative Importance of Milking Machine Factors in Mastitis (J. Bramley)
- 4:45—General Discussion
- 5:00—Poster Sessions
- 6:45—Dinner for all registrants
- Guest Speaker: Prof. M. Elliott (U.S.)
- “Future Effects of Hormone Treatment and Genetic Engineering on Udder Health”

### MASTITIS THERAPY—Principles and Practice

#### Saturday, August 15

- 8:30—*Introduction*: Statement on role of therapy in mastitis control — historical and perspectives (F. Dodd—U.K.)
- 9:00—*Pharmokinetics*: Principles of antimicrobial therapy on organisms in mammary gland (G. Ziv—Israel)

- 9:30—*Host Factors*: The influence of
  - (a) Somatic cells
  - (b) Immune factors
  - (c) Pathologyon antibiotic therapy. (N. Nickerson—U.S.A.)
- 10:15—Break
- 10:30—*Epidemiological Assessment*: An assessment on evaluation of therapy (I. Dohoo, Can.)
- 11:00—*Strategies of Therapy*:
  - A—Acute Mastitis—with systemic involvement (special concerning coliform) (both antibiotic and non-antibiotic) (M. White—U.S.A.)
  - 11:30—B—Subclinical—Pros and cons of treatment during lactation (Klastrup—Denmark)
- 12:15—Lunch and Poster Sessions
- 1:45—C—Dry-cow Treatment—objectives and assessment (Poutrel—France)
- 2:30—*In-Vitro Susceptibility Testing*: Usefulness of in-vitro testing on therapy and influence of development of resistance (Prescott—Canada)
- 3:00—Break
- 3:15—*Drug Residues*: Influence of drug residues on therapy (W. Hecachen—W. Germany)
- 3:45—*Measuring the Efficacy of Antibiotic Therapy* (Natske—U.S.A.)
- 4:15—*Criteria For Marketing and Licensings* Requirements by government and industry. (C. Miller—U.S.A.)
- 4:45—General Discussion and Posters

### REGISTRATION

The final date for receiving registrations is July 1, 1987. The registration fee of \$110.00 Canadian should accompany the registration. This fee includes lunches on both days and the dinner Friday evening (but not accommodation). If cancellation of registration is made before August 1st, a refund of \$100.00 will be made. Registration forms available from Dr. George Fisher, Box 909, Kemptville, Ontario K0G 1J0, Canada.

### LOCATION

The Symposium will be held on the Macdonald College Campus of McGill University, which is situated at Ste-Anne-de-Bellevue, Quebec, 35 km west of downtown Montreal by motor expressway, bus and rail and is 15 km west of Dorval International Airport.

Macdonald College houses the Agriculture and Food Science Facilities of McGill University. A 2 million dollar dairy cattle facility has been completed

recently on the campus. All meetings will be held in the John Abbot Auditorium.

#### ACCOMMODATION

- (1) *Macdonald Campus* —  
Limited facilities are available.  
Single rooms \$21.00 Can. Double — \$36.00
- (2) *Holiday Inn* —  
6700 Trans Canada Highway,  
Pointe Claire, Quebec, H9R 1C2  
514-697-7110  
Rates: \$65.00 per room.  
Hotel transportation is available from Dorval International to the hotel. The hotel is 12 km

from campus. Transportation from hotel to the Symposium will be provided.

- (3) *Journey's End Motel* —  
700 Boul Saint Jean, Pointe Claire, Quebec, H9R 3K2  
Rates: Single \$45.00 Double \$55.00  
—a budget hotel situated adjacent to Holiday Inn. Transportation to the Symposium will be provided.

In order to ensure desired accommodation register as early as possible.

- (4) Information on camping facilities available on request.

# XXIII World Veterinary Congress

Montreal, Quebec, Canada  
August 16-21, 1987



Created in 1863, the World Veterinary Congress (WVA) is the oldest international professional association, with 68 member countries today.

The objective of the WVA is to improve animal health and production and to contribute to human welfare. The Congress will be a unique opportunity for veterinarians and industry from all continents to exchange professional knowledge in a congenial atmosphere.

The XXIII World Veterinary Congress is organized under the patronage of the Canadian Veterinary Medical Association, with the cooperation of the Corporation Professionnelle des Medecms Veterinaires des Quebec.

For the first time in the history of WVS a general theme has been adopted, namely, "For a Rational

Utilization of Animal Resources," which will set the tone of the Congress proceedings.

The scientific program will include four primary sessions, nine symposia, meetings of different specialists' sections, poster sessions and access to a video library. Scientific visits will also be organized.

Six different tours will be available, such as St. Hyacinthe, Faculty of Veterinary Medicine, Industrial Medicine, Government and Teaching Centers, visit to the world-renowned Armand-Frappier Institute which is actively involved with research in virology; visit to the Animal Disease Research Institute, Nepean, Ontario, a major research and diagnostic centre for animal disease in Canada and a visit to a small animal clinic in Montreal.

More than 100 commercial companies from around